CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/VKR/W.No.01/2019-20

Date: 19.08.2019

TEST REPORT

CLIENT	:	**Assistant Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.
AGENCY	:	**Sri. Vinayaka K.R,** Contractor, Bangalore.
NAME OF THE WORK	:	Construction of CC road at Kuriappa Layout, Bojappa Layout and Maruthinagar 1st main road in Kempegowda ward no-01 , BBMP, Bangalore.
SAMPLE ID	:	Cement (Chettinad OPC 53 Grade)
DATE OF MANUFACTURE	:	July - 2019
DATE OF TESTING	:	17.08.2019 to 19.08.2019
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part -5)	145 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	420 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	28.50 %	-

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

A.E.E

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
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No.: CQCE/BBMP/VKR/W.No.01/2019-20 Date : 19.08.2019

TEST REPORT ON FINE AGGREGATES (SAND)
IS 383-1970 (RA- 2002)

ient : **Assistant Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.

gency : **Sri. Vinayaka K.R,** Contractor, Bangalore.

ame of Work : Construction of CC road at Kuriappa Layout, Bojappa Layout and Maruthinagar 1st main road in Kempegowda ward no-01 , BBMP, Bangalore.

ate of Testing : 19.08.2019

aterial : Sand

Total wt. of aggregates in gms = 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	61	6.10	6.10	93.9	90-100
2.36	147	14.70	20.80	79.2	75-100
1.18	158	15.80	36.60	63.4	55-90
600 Micron	235	23.50	60.10	39.9	35-59
300 Micron	147	14.70	74.80	25.2	8-30
150 Micron	159	15.90	90.70	9.3	0-10

Note:
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Job No.: CQCE/BBMP/VKR/W.No.01/2019-20 26.10.2019

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.

Agency : **Sri. Vinayaka K.R,** Contractor, Bangalore.

Name of the work : Construction of CC road at Kuriappa Layout, Bojappa Layout and Maruthinagar 1st main road in Kempegowda ward no-01 , BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.09.2019	26.10.2019	8.332	715.2	31.79
2	28.09.2019	26.10.2019	8.325	724.6	32.20
3	28.09.2019	26.10.2019	8.318	738.9	32.84

Note:
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